

Anti-Gephyrin Antibody

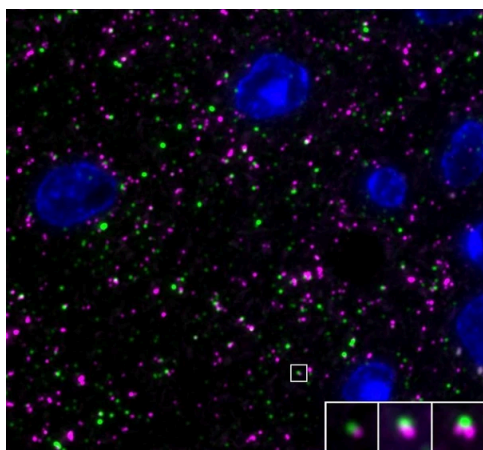


Product Details

Available Variants	100 µL (SKU:75-465)
Conjugate	Unconjugated
Isotype	IgG1
Clone	L106/4
Gene Name	GPHN GPH KIAA1385
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	AT, ELISA, IHC, WB
Dilution Ranges	WB: 1:2000
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 1-181 (N-terminus) of human Gephyrin (accession number Q9NQX3); Mouse: 100% identity (181/181 amino acids identical) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	80 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2716264
UniProt ID	Q9NQX3
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



array tomography immunofluorescence of an LRWhite-embedded 70 nm section from adult mouse cortex with L106/4 (green), rabbit mAb GAD2 (Cell Signaling 5843, magenta) and DAPI (blue). The insert shows three consecutive sections through the synapse that is marked with a white box. Image courtesy of Kristina Micheva (Stanford).



Adult rat hippocampus immunohistochemistry.



Adult rat cerebellum immunohistochemistry.

Product Page URL: www.antibodiesinc.com/products/anti-gephyrin-antibody-l106-4-75-465



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